



XtremeMac Luna Radio Jack Replacement

How to install a new radio jack for your XtremeMac Luna.

Written By: David Ellison



INTRODUCTION

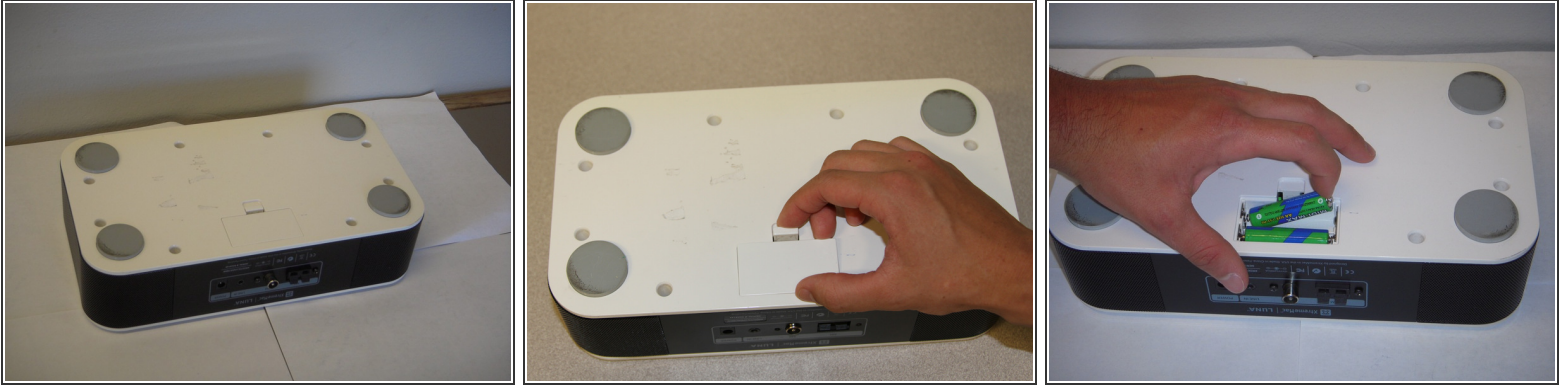
If your Luna is no longer picking up radio signals, it may be due to a faulty radio jack. Replace it in a few simple steps.



TOOLS:

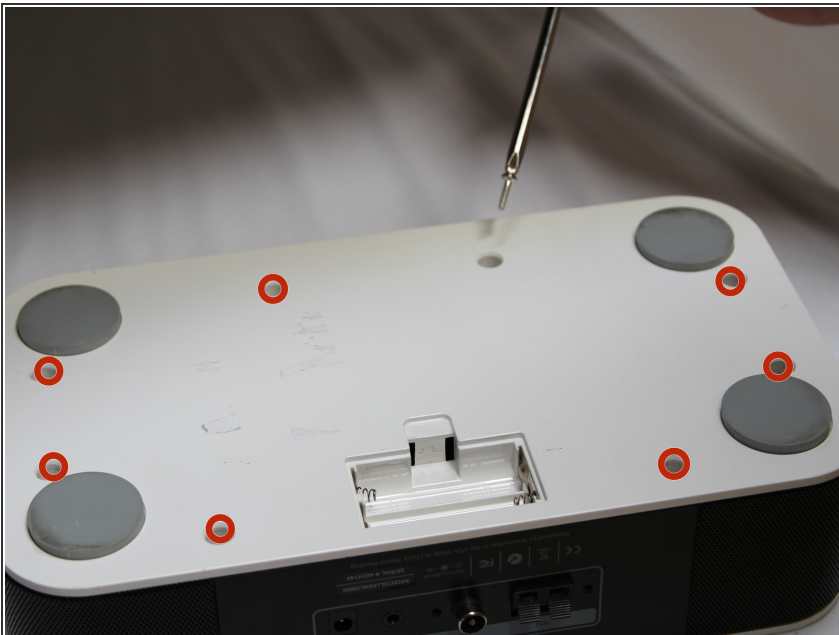
- [Phillips #1 Screwdriver](#) (1)
 - [Soldering Workstation](#) (1)
 - [iFixit Opening Tools](#) (1)
-

Step 1 — Bottom Panel



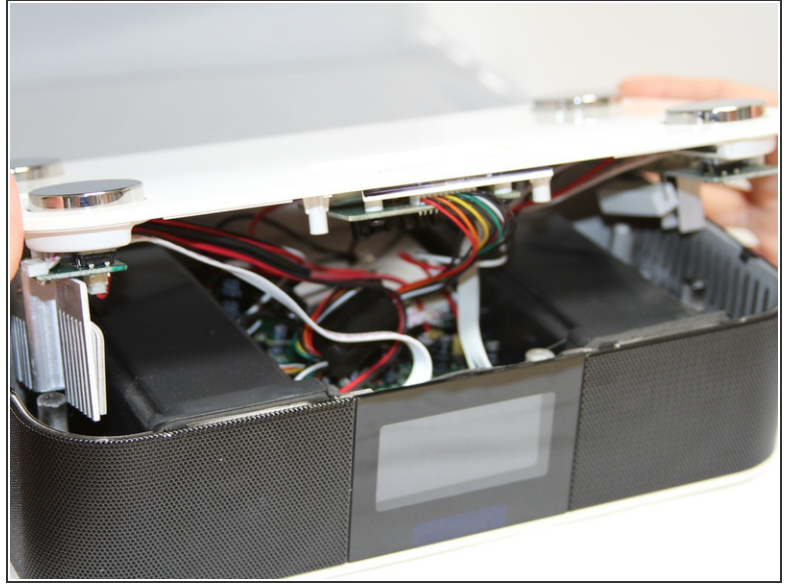
- Flip the device over so that the batteries are closest to you.
- Remove the battery lid by pressing the battery cover's tab and pulling it away from the device.
- Push the battery against the spring and lift it out of the casing.
- Repeat with the other battery.

Step 2



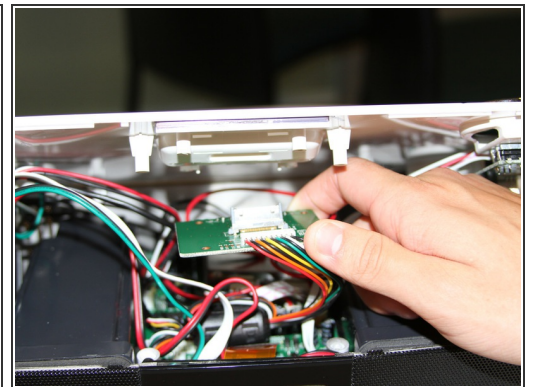
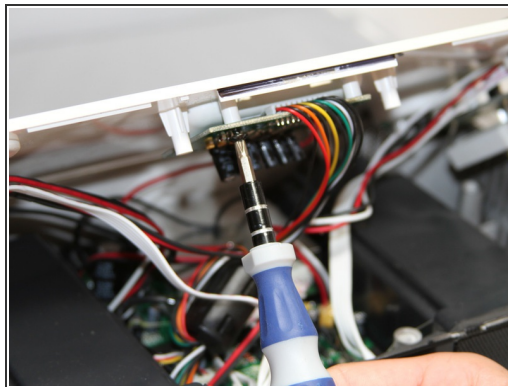
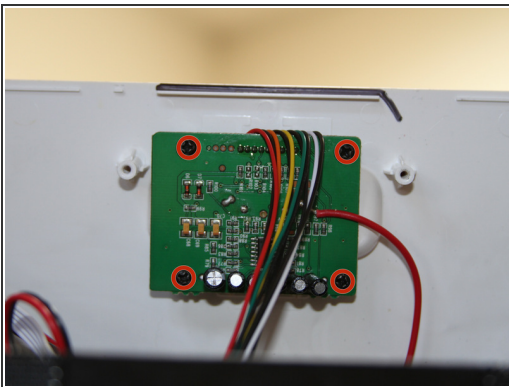
- Unscrew all eight 12mm Phillips head screws with a Philips #1 screwdriver.
- ⓘ The iFixit 26 bit screwdriver kit will not reach the screws. Make sure to use a screwdriver that is thin enough to not get stuck in the screw holes.

Step 3



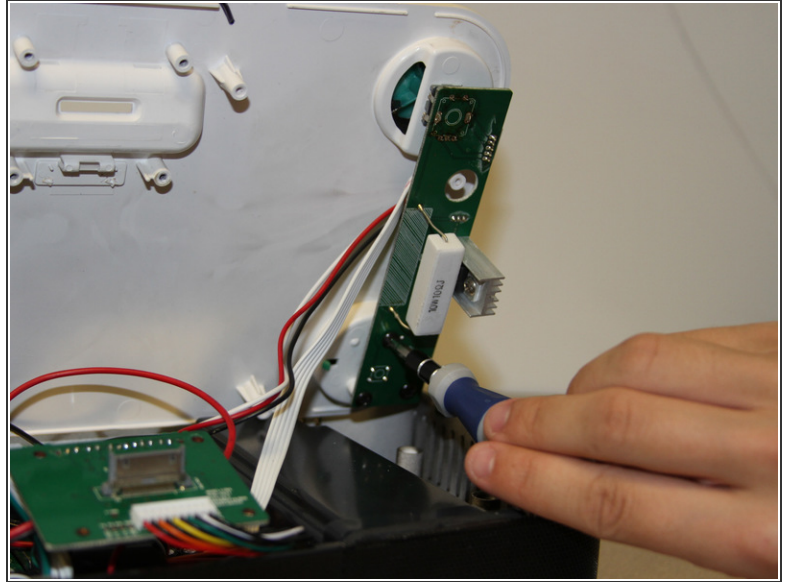
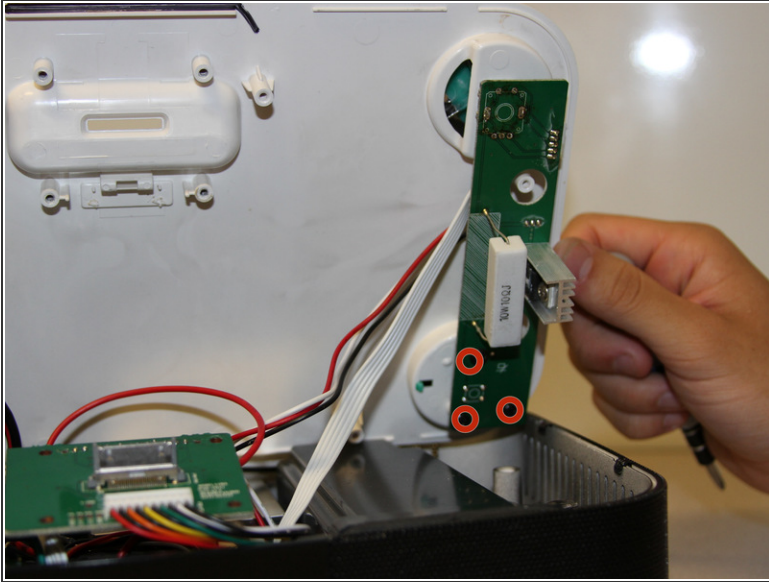
- Flip the Luna back over so that the buttons are facing upward and the LCD screen is facing you.
- Gently tilt the lid back 45 degrees so that the inside is exposed.
- ⓘ Be mindful of the wires inside of the Luna. It is easy to break a connection if a wire gets caught.

Step 4 — Dock Circuit Board



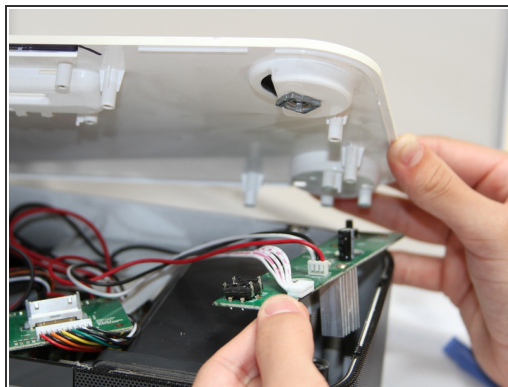
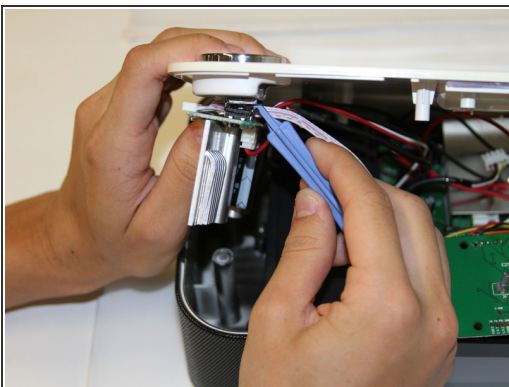
- Unscrew the four black 7mm screws with the Phillips #1 screw driver that hold the middle circuit board to the top case.

Step 5 — Button Circuit Boards



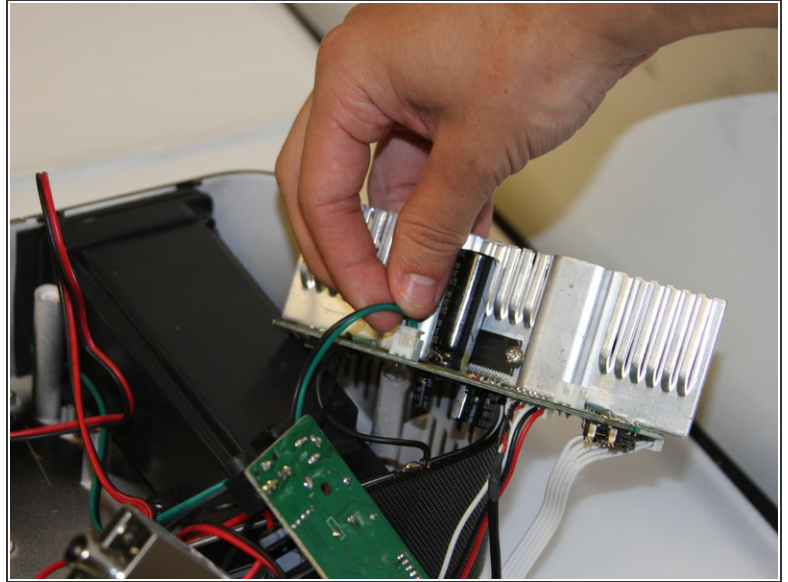
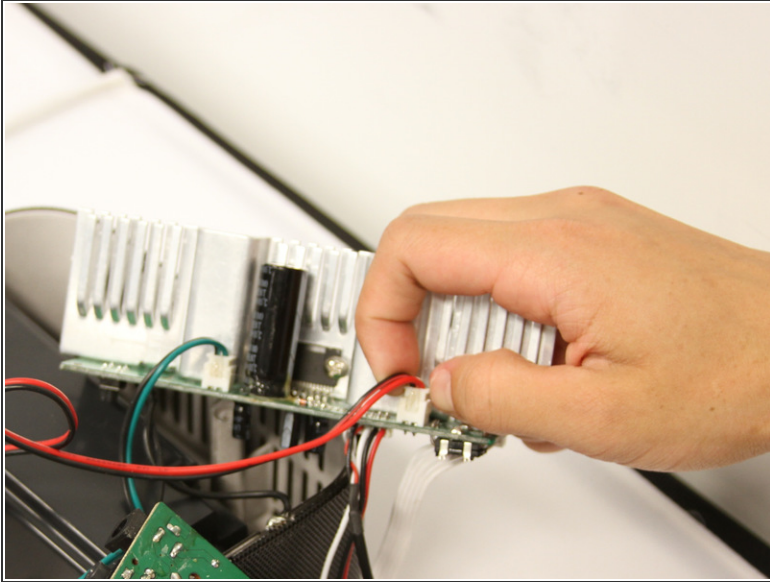
- Unscrew the three 7 mm black screws using the Philips #1 screwdriver on the back end of the left and right circuit board.
- ⓘ Removing the right circuit board first will make it easier to unscrew the left because the heat-sinks on the left circuit board can get in the way of the screwdriver.

Step 6



- Use a plastic opening tool to pry the black connections away from the top casing.
- ⓘ Be attentive when you separate the circuit boards from the top, as there is a loose wheel inside.

Step 7



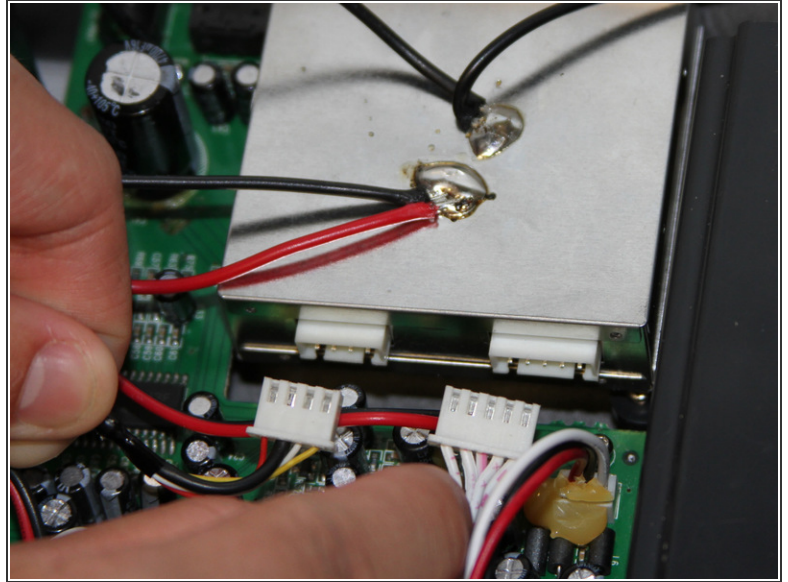
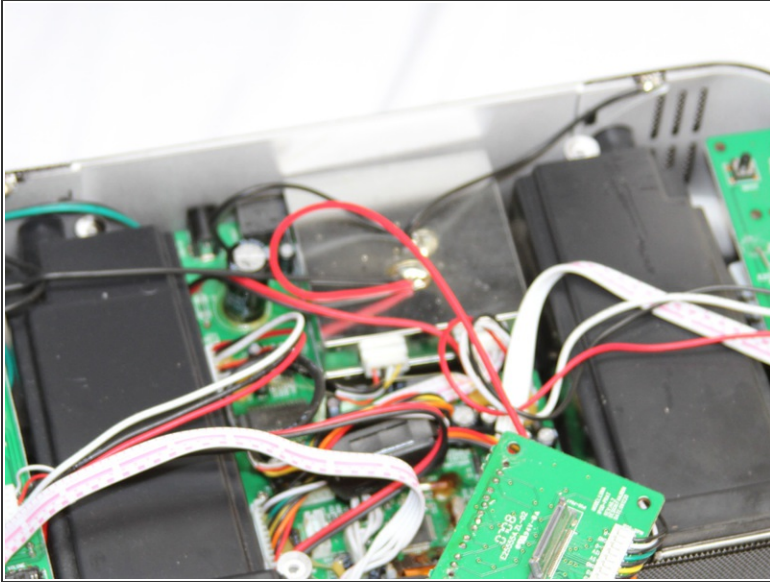
- Turn the circuit boards over. Remove the two connections on the left side by pulling on the tabs.
- ❗ The glue that holds the connection together will come off when you pull. Pull on the tab with enough force to break the glue without damaging the wires.

Step 8 — Radio Jack



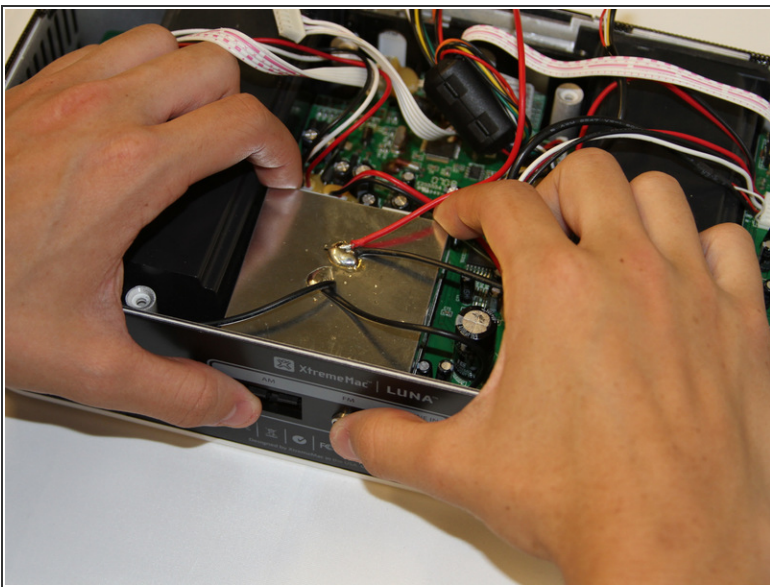
- Remove the two 12mm Phillips head screws from the back of the device using a Phillips #1 screwdriver.

Step 9



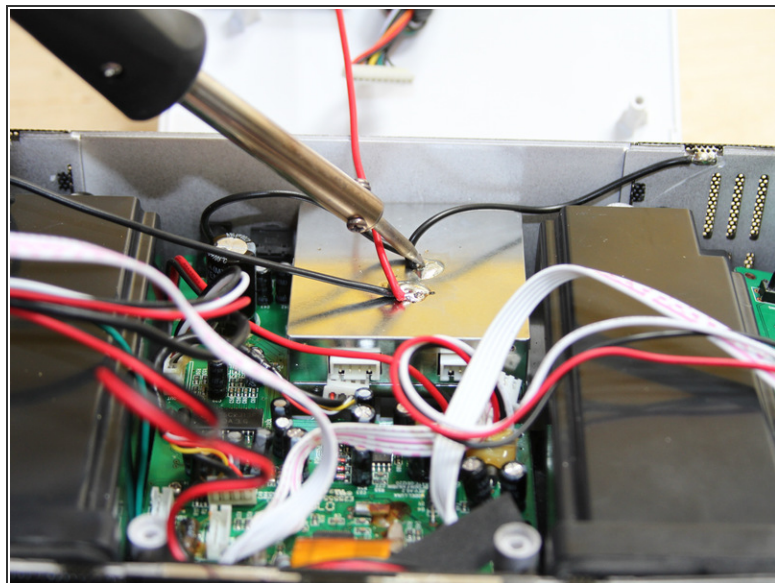
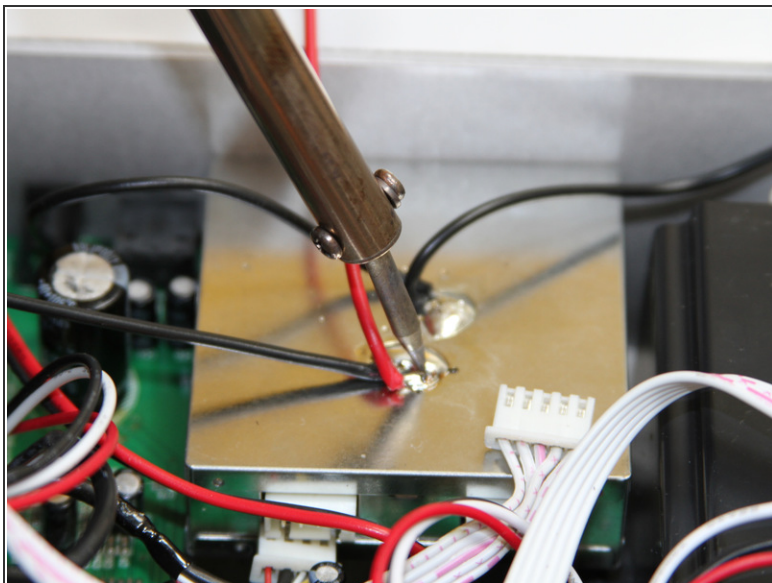
- Turn the Luna so that the display faces forward.
- Pull the two white tabs to remove the cables from the front of the radio jack.

Step 10



- Push the connections through the back casing and lift the radio jack up and out.
- ⓘ Reinserting the square AM switches can be tricky. Make sure they are aligned properly when you are reassembling the device.

Step 11



- Desolder the positive connection (red) and the negative connection (black) on top of the radio jack to completely remove it.

To reassemble your device, follow these instructions in reverse order.

This document was last generated on 2017-07-19 02:03:01 PM.